*/\*\* Deborah Barndt  
 \* 4-12-17  
 \* MainActivity.java  
 \* Lab 7  
 \* This program creates will run through standing operations of creating, reading, updating,  
 \* and deleting from a database.  
 \* Written by Deborah Barndt.  
 \*/***package** com.example.u2.bookreviews;  
  
**import** android.nfc.Tag;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.util.Log;  
**import** android.widget.ListView;  
  
**import** java.util.ArrayList;  
**import** java.util.List;  
  
**public class** MainActivity **extends** AppCompatActivity  
{  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **int** total = 0;  
  
 Log.*d*(**"Book"**, **"Deborah Barndt"**);  
  
 SqlHelper db = **new** SqlHelper(**this**);  
  
 *// Crud operations start here.  
 // Add books.  
 //db.addBook(new Book("ITMD 455: Lab 6", "Deborah Barndt"));  
 //db.addBook(new Book("Android Studio Development Essentials", "Neil Smyth"));  
 //db.addBook(new Book("Beginning Android Application Development", "Wei-Meng Lee"));  
 //db.addBook(new Book("Programming Android", "Wallace Jackson"));  
 //db.addBook(new Book("Hello, Android", "Wallace Jackson"));  
  
 // Get all the books.* List<Book> list = db.getAllBooks();  
  
 *// Update one book.* **int** j = db.updateBook(list.get(3), **"Hello, Android"**, **"Ben Jackson"**);  
  
 *// Delete one book.  
 //db.deleteBook(list.get(0));  
  
 // Get all the books.* db.getAllBooks();  
  
 ListView listContent = (ListView) findViewById(R.id.***list***);  
 list = **new** ArrayList<Book>();  
 list = db.getAllBooks();  
  
 *// Get data from the table by the ListAdapter.* ListAdapter customAdapter = **new** ListAdapter(**this**, R.layout.***itemlistrow***, list);  
 listContent.setAdapter(customAdapter);  
  
 *// Get count of all books.* db.getIds(total);  
  
 *// Print total number of books in the Logcat file.  
 //Log.d("Books", "Total Books: " + total);* }  
}